GOVERNMENT OF INDIA
COAL AND MINES
LOK SABHA

UNSTARRED QUESTION NO:274
ANSWERED ON:16.07.2002
MEETING OF INDO-CHINA ON COAL
SUBODH MOHITE

Will the Minister of COAL AND MINES be pleased to state:

(a) whether the meeting of the Indo-China working group on Coal has been held recently in China; and

(b) if so, the details thereof, the agenda discussed and the decisions taken therein?

Answer

THE MINISTER OF STATE FOR COAL & MINES (SHRI RAVI SHANKAR PRASAD)

(a): Yes, Sir. The 8th session of the Indo-China Working Group on Coal was held on 4th − 5th June, 2002 at Beijing.

(b): Both the sides India and China have agreed to implement co-operation in the following sectors:-

(1) Exchange of policies, regulations and structural adjustment in Coal Industry.

(2) Exchange of technology and experience on mine safety supervision.

The agenda discussed and the decision taken are given in the Annexure.

Annexure

Annexure referred to in reply to part (b) of the Lok Sabha Unstarred Question No.274 for answer on 16-7-2002.

The 8th Session of the Indo-China Working Group onCoal was held on 4th − 5th June, 2002 at Beijing. Following agenda was discussed in respect of Coal India Ltd., Singareni Collieries Company Ltd., and Neyveli Lignite Corporation Limited:-

Coal India Limited

(i) Jhanjra project of ECL.

(ii) Moonidih project of BCCL.

(iii) Hard Roof Management Technique of Churcha mine of SECL.

(iv) Performance of existing Longwall faces.

(v) Co-manufacturing of spares in India.

(vi) Annual maintenance contract for Longwall equipment.

(vii) Establishment of bonded warehouse in India.

(viii) Spare parts catalogue.

(ix) Short Longwall equipment for Balrampur project of SECL.

(x) Strengthening of power support of three Longwall project of SECL.

(xi) Manufacturing drawing of fast moving spares.

(xii) Price list of spares with one year validity.

(xiii) Development of open cast mine in China with cooperation form Indian side.

(xiv) Roof Bolting technology using resin capsule.

(xv) Retraining and rehabilitation of mine workers.

(xvi) Extraction of coal by mechnaised Short Longwall method in a steep mine like Madhuban of BCCL.

Singareni Collieries Company Ltd.

(i) Review of production performance of two longwall equipment supplied by China including major break downs and their remedial measures.

(ii) Spare parts depot, servicing center and co- manufacturing of spares by CME, China as a jointventure with M/s. Andhra Pradesh Heavy Machinery Engineering Limited (APHMEL).

(iii) Discrepancy in supply of materials against the purchase orders.

Neyveli Lignite Corporation Ltd.

(i) Using underground gasification technology in the lignite fields wherever it is possible.

(ii) Possibility for developing and adopting hydro excavation and other technologies in the deep seated and coastel lignite fields (depth over 200M).

(iii) Application of surface miners in hard and sticky overburden strata in combination with conveyors.

(iv) Latest technology about salt water intrusion & re-charge of aquifer.

(v) Any other method like freezing and extraction, other than pumping of water and making draw down/depressurisation by large scale pumping.

(vi) Method of marcosite segregation from ROM lignite.

(vii) Latest belt vulcanizing/reconditioning techniques keeping in view of frequent failures of high capacity belts & to improve the life of reconditioned belts to 80% of new one.

(viii) Surface geo-physical exploration techniques for lignite prospecting.

(ix) Method of fly ash disposal from lignite based thermal power stations.

(x) Environment development on wasteland and ash pond Extraction and utilization of lignite bed methane.

(xi) Extraction and utilisation of lignite bed methane.

General

(i) Coal Mines Safety Supervision and Personnel Training.

The following decisions were taken on the above agenda items:-

Coal India Limited

(i) China National Coal Mining Equipment and Engineering GroupCo. Ltd. (CME) China would submit a techno- commercial offer for 4.5 M height of extraction for working R VI seam at Jhanjra by 10th July 2002 and negotiate with ECL for entering into an agreement which has to be approved by their respective boards.

(ii) CME, China would submit a complete techno-commercial offer for Moonidih project by 15th July 2002 and negotiate with BCCL for entering into an agreement which has to be approved by their respective Boards.

(iii) For Hard Roof Management, Chinese side agreedto find a suitable technology in association with SECL which should be acceptable to DGMS, India.

(iv) For improving the performance of existing Longwall faces at SECL,CME agreed to take up thematter with their manufacturers strongly to improve quality and reliability of the spare parts.

(v) CME, China agreed to take up the issue of co- manufacturing of spares in India during their next visit to India in July 2002.

(vi) Both sides agreed that annual maintenance contract may not be required now.

(vii) Both sides agreed not to pursue the establishment of bonded warehouse in India any further.

(viii) CME, China agreed to keep the spare parts catalogue and that of sub-assemblies updated.

(ix) For Short Longwall equipment for Balrampur project of SECL, CME, China agreed to supply one new leg by mid June 2002 for life cycle test at Jessop & Co. Ltd.

(x) For strengthening the powered support of three Longwall projects of SECL, the details of the steel plate andspecification of steel available in India will have to be checked by CME. CME agreed to revert within two weeks after getting the details from SECL.

(xi) 234 drawings have been delivered to SECL by CMEfor manufacturing of fast moving spares. CME agreed to identify further drawings in the next four months.

(xii) CME agreed to provide SECL spare parts price list with one year validity.

(xiii) Chinese side agreed to advise individual companies in China for cooperation in opencast mines with India.

(xiv) As the earlier proposal was uneconomical, Chinese side agreed to submit a revised proposal for the Roof Bolting Technology using resin capsules.

(xv) For the retraining and rehabilitation of mine workers both sides agreed for exchange of information based on their experience.

(xvi) For the extraction of coal by mechanised Short Longwallmethod in steep mine like Madhuban of BCCL, Chineseside explained that they had no such experience in the field. Indian side advised that CME should discuss and settle the issue with BCCL.

Singareni Collieries Company Limited:

(i) Indian and Chinese side agreed to jointreview of various reasons for decline in production of Chinese longwall equipment working in SCCL which would be completed by end of July, 2002.

(ii) The decisions on similar items in respect of CIL will also be applicable to SCCL.

(iii) Both side agreed that CME and SECL willsort out the matter of discrepancy in supply of materials against the purchase orders within two months.

Neyveli Lignite Corporation Ltd.,

The agenda items of NLC has been discussed andChinese side informed that it may not be possible for them to extend cooperation in all the areas mentioned in the agenda item related to NLC as production ofLignite in China is very low. However, Chinese side agreed for exchange of information on the said issues where ever technology is available in China.

General

(i) For coal mine safety supervision and personnel training, Chinese side expressed their desire for co- operation in the area with a view to improve safety performance in their mines.